

FORM PTO/SB/08A (REV. 10-96)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	Complete if Known	
Substitute for form 1449A/PTO		Application Number:	10/766,389
		Filing Date:	January 26, 2004
		First Named Inventor:	GELVIN, Stanton B.
		Group Art Unit	1638
		Examiner Name	David T. Fox
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use several sheets if necessary)		Attorney Docket Number:	3220-95461
		Sheet 1 of 1	

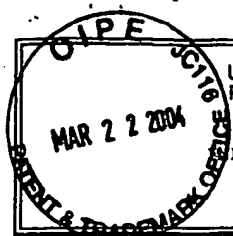
A OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>		T <sup>2</sup>
LZ	B1	Gelvin et al., "Isolation and Characterization of RAT (Resistant to Agrobacterium Transformation) Mutants," <i>Program &amp; Abstracts 9<sup>th</sup> International Conference on Arabidopsis Research</i> , p. 171 (1998).	
LZ	B2	Huh et al., "Differential Expression of the Two Types of Histone H2A Genes in Wheat," <i>Biochim. Biophys. Acta</i> , 1261:155-160 (1995).	
LZ	B3	Mysore et al., "A Histone H2A Mutant of Arabidopsis is Recalcitrant to Agrobacterium Transformation," <i>Program &amp; Abstracts 9<sup>th</sup> International Conference on Arabidopsis Research</i> , p. 211 (1998).	
LZ	B4	Nakamura et al., "Structural Analysis of Arabidopsis Thaliana Chromosome 5", NCBI (Online) Accession No. AB016879, <i>DNA Res.</i> , 5(5):297-308 (1998).	
LZ	B5	Nam et al., "Agrobacterium Tumefaciens Transformation of the Radiation Hypersensitive Arabidopsis Thaliana Mutants UVH1 and RAD5," <i>Mol. Plant-Microbe Interact.</i> , 11: 1136-41 (1998).	
LZ	B6	Sato et al., "Structural Analysis of Arabidopsis Thaliana Chromosome 3," <i>NCBI (Online) Accession No. AB016878</i> (2000).	
	B7		
	B8		
	B9		
	B10		
	B11		
	B12		
	B13		
	B14		
	B15		

EXAMINER	/Li Zheng/	DATE CONSIDERED	08/15/2006
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\*EXAMINER: Initial reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

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U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO. 3220/91097

SERIAL No. 09/661,860

INFORMATION DISCLOSURE STATEMENT

APPLICANT Gelvin &amp; Mysore

FILING DATE 14.09.00

GROUP 1638

## U.S. PATENT DOCUMENTS

*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
	AA						
	AB						
	AC						

## FOREIGN PATENTS

		Document Number	Date	Country	Class	Subclass	Translation Yes No
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
	AL						

## INTERNATIONAL SEARCH REPORT


	AM						
	AN						
	AO						

## OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

LZ	AP	BALLAS, N. and CITOVSKEY, V. (1997) "Nuclear Localization Signal Binding Protein from <i>Arabidopsis</i> Mediates Nuclear Import of <i>Agrobacterium</i> VirD2 Protein." <i>Proc Natl Acad Sci USA</i> 94: 10723-10728.
	AQ	BRITT, A.B. (1996) "DNA Damage and Repair in Plants." <i>Annu Rev Plant Physiol Plant Mol Biol</i> 47: 75-100.
	AR	DENG, W., et al. (1998) " <i>Agrobacterium</i> VirD2 Protein Interacts with Plant Host Cyclophilins." <i>Proc Natl Acad Sci USA</i> 95: 7040-7045.
	AS	DITTA, G., et al. (1980) "Broad host Range DNA Cloning System for Gram-Negative Bacteria: Construction of a Gene Bank of <i>Rhizobium Meliloti</i> ." <i>Proc Natl Acad Sci USA</i> 77(12): 7347-7351.
	AT	GHEYSEN, G., et al. (1991) "Illegitimate Recombination in Plants: A Model for T-DNA Integration." <i>Genes &amp; Development</i> 5: 287-297.
	AU	JEFFERSON, R.A., et al. (1987) "GUS Fusions: $\beta$ -Glucuronidase as a Sensitive and Versatile Gene Fusion Marker in Higher Plants." <i>EMBO J</i> 6(13): 3901-3907.
	AV	KONCZ, C. and SCHELL, J. (1986) "The Promoter of T <sub>1</sub> -DNA Gene 5 Controls the Tissue-Specific Expression of Chimeric Genes Carried by a Novel Type of <i>Agrobacterium</i> Binary Vector." <i>Mol Gen Genet</i> 204: 383-396.
	AW	LICHTENSTEIN, G., and DRAPER, J. (1986) "Genetic of Engineering Plants." In Glover, D.M. (ed.) <i>DNA Cloning: A Practical Approach</i> 2: 67-119 (IRL Press, Oxford)
	AX	MATSUMOTO, S., et al. (1990) "Integration of <i>Agrobacterium</i> T-DNA into a Tobacco Chromosome: Possible Involvement of DNA Homology between T-DNA and Plant DNA." <i>Mol Gen Genet</i> 224: 309-316.
	AY	MYSORE, K.S., et al. (1998) "Role of the <i>Agrobacterium Tumefaciens</i> VirD2 Protein in T-DNA Transfer and Integration." <i>American Phytopathological Society</i> 11(7): 668-683.
	AZ	NAM, J., et al. (1997) "Differences in Susceptibility of <i>Arabidopsis</i> Ecotypes to Crown Gall Disease May Result from a Deficiency in T-DNA Integration." <i>Plant Cell</i> 9: 317-333.
	BA	NAM, J., et al. (1999) "Identification of T-DNA Tagged <i>Arabidopsis</i> Mutants that are Resistant to Transformation by <i>Agrobacterium</i> ." <i>Mol Gen Genet</i> 261: 429-438.
	BB	NARASIMHULU, S.B., et al. (1996) "Early Transcription of <i>Agrobacterium</i> T-DNA Genes in Tobacco and Maize." <i>Plant Cell</i> 8: 873-886.
	BC	NJ, M., et al. (1995) "Strength and Tissue Specificity of Chimeric Promoters Derived from the Octopine and Mannopine Synthase Genes." <i>Plant J</i> 7(4): 661-676.

US Ser. No. 09/661,960

Attorney/Docket Number 3220/91097

<b>LZ</b> 	BD	OFFRINGA, R., <i>et al.</i> (1990) "Extrachromosomal Homologous Recombination and Gene Targeting in Plant Cells after <i>Agrobacterium</i> Mediated Transformation." <i>EMBO J</i> 9(10): 3077-3084.
	BE	OHBA, T., <i>et al.</i> (1995) "DNA Rearrangement Associated with the Integration of T-DNA in Tobacco: An Example for Multiple Duplications of DNA Around the Integration Target." <i>Plant J</i> 7(1): 157-164.
	BF	PASZKOWSKI, J., <i>et al.</i> (1988) "Gene Targeting in Plants." <i>EMBO J</i> 7(13): 4021-4026.
	BG	SAMBROOK, M.A., <i>et al.</i> (1982) in <i>Molecular Cloning: A Laboratory Manual</i> . 1 <sup>st</sup> ed. Cold Spring Harbor Laboratory Press, Cold Spring Harbor, New York, pgs. 150-172, 312-328, 365-381 and 383-389.
	BH	SHENG, J. and CITOVSKY, V. (1996) "Agrobacterium-Plant Cell DNA Transport: Have Virulence Proteins, Will Travel." <i>Plant Cell</i> 8: 1699-1710.
	BI	ZUPAN, J. and ZAMBRYSKI, P. (1997) "The <i>Agrobacterium</i> DNA Transfer Complex." <i>Critical Reviews in Plant Sciences</i> 16(3): 279-295.
Examiner <b>/Li Zheng/</b>		Date Considered <b>08/15/2006</b>
<p>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609.          Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p>		

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U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE  INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO. 3220-91097	SERIAL No. 09/661,960
	APPLICANT Purdue Research Foundation	
	FILING DATE 14.09.00	GROUP 1638

U.S. PATENT DOCUMENTS							
*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
	AA						
	AB						
	AC						

FOREIGN PATENTS							
		Document Number	Date	Country	Class	Subclass	Translation Yes No
LZ	AD	DE 43 09 203 C1.	Mar. 22, 1993	Germany			
↓	AE	WO 97/12046	Apr. 03, 1997	Int'l.			
	AF	WO 99/61619	Dec. 02, 1999	Int'l.			
	AG	WO 00/17364	Mar. 30, 2000	Int'l.			
	AH	EP 1 033 405 A2	Sep. 06, 2000	Europe			

INTERNATIONAL SEARCH REPORT							
LZ	AM	PCT/US00/25260	Apr. 20, 2001				
	AN						
	AO						

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)		
LZ	AP	CITOVSKY, V., <i>et al.</i> (1992) "Nuclear Localization of Agrobacterium VirE2 Protein in Plant Cells." <i>Science</i> 256: 1802-1805.
↓	AQ	HYE HUH, G.H., <i>et al.</i> (1997) "Structural Characteristics of Two Wheat Histone H2A Genes Encoding Distinct Types of Variants and Functional Differences in their Promoter Activity." <i>Plant Molecular Biology</i> 33: 791-802.
	AR	MYSORE, K.S., <i>et al.</i> (1998) "An <i>Arabidopsis</i> histone H2A mutant is deficient in <i>Agrobacterium</i> T-DNA integration." <i>PNAS</i> 97(2): 948-953.
	AS	NAKAMURA, Y., <i>et al.</i> (1998) "Structural Analysis of Arabidopsis Thaliana Chromosome." <i>Database EMBL (Online): Accession No: AB016878</i> .
	AT	NAM, J., <i>et al.</i> (1999) "Identification of T-DNA Tagged <i>Arabidopsis</i> Mutants that are Resistant to Transformation by <i>Agrobacterium</i> ." <i>Mol Gen Genet</i> 261: 429-438.
	AU	PRYMAKOWSKA-BOSAK, M., <i>et al.</i> (1996) "Histone H1 Overexpressed to High Level in Tobacco Affects Certain Developmental Programs but has Limited Effect on Basal Cellular Functions." <i>Proc. Natl. Acad. Sci. USA</i> 93: 10250-10255.
↓	AV	REGENSBURG-TUŦNK, A.J.G., <i>et al.</i> (1993) "Transgenic N. <i>Glaucia</i> Plants Expressing Bacterial Virulence Gene <i>virF</i> are Converted into Hosts for Nopaline Strains of A. <i>Tumefaciens</i> ." <i>Nature</i> 363: 69-71.

Examiner	/Li Zheng/	Date Considered	09/12/2006
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